

**OPERATION AND MAINTENANCE PLAN
FLOODWATER DIVERSION
CODE 400**

Landowner/Operator _____

Job Location _____

Prepared By _____ Date _____

Operation and Maintenance Items

A properly operated and maintained floodwater diversion is an asset to your farm. This structure was designed and installed to prevent inundation of farmland and to help control flooding. The estimated life span of this installation is at least 10 years. The life of this installation can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- ☐ Prompt repair or replacement of damaged components is necessary.
- ☐ Maintain hydraulic capacities of the floodwater diversion channel and control structures.
- ☐ Remove debris and litter that could cause the structure to malfunction.
- ☐ Periodically check elevations of earthfills and restore grade, if necessary. All settlement or cracks in the earthfill should be investigated (to determine the cause) and repaired.
- ☐ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height. Limit livestock usage to vegetative growth periods when vegetation root systems will not be damaged or soil compacted.
- ☐ Avoid travel that may harm or destroy the vegetative cover.
- ☐ Check all rock riprap and erosion control matting sections for accelerated weathering and displacement of materials. Replace to original shape and grade if necessary.
- ☐ Maintain fences to prevent unauthorized human access or uncontrolled grazing.

Other _____
